

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claims 1-16 (Cancelled).

17 (Previously presented). The method of claim 19, wherein said interferon is selected from the group consisting of  $\alpha$ -interferon,  $\beta$ -interferon and  $\gamma$ -interferon.

Claim 18 (Cancelled).

19 (Currently Amended). A method of inducing the death of ~~acute promyelocytic leukemia~~ adult T lymphoid leukemia (ATL) cells, comprising administering to a patient in need thereof amounts of a) arsenic trioxide or a caspase inhibitor selected from the group consisting of zVAD and DEVD; and b) an interferon, effective to synergistically induce the death of ~~acute promyelocytic leukemia~~ ATL cells.

Claims 20-28 (Cancelled).

29 (Previously presented). The method of claim 19, wherein said caspase inhibitor is zVAD.

30 (Previously presented). The method of claim 19, wherein said caspase inhibitor is DEVD.

Claims 31-33 (Cancelled).

34 (Currently amended). A method of treating or inhibiting ~~acute promyelocytic~~ adult T lymphoid leukemia, comprising administering to a patient in need thereof synergistically effective amounts of a) arsenic trioxide or a caspase inhibitor selected from the group consisting of zVAD and DEVD and b) an interferon to treat or inhibit ~~acute promyelocytic~~ adult T lymphoid leukemia.

Claim 35 (Cancelled).

36 (Previously presented). The method of claim 34, wherein said interferon is selected from the group consisting of  $\alpha$ -interferon,  $\beta$ -interferon and  $\gamma$ -interferon.

37 (Previously presented). The method of claim 34, wherein said caspase inhibitor is zVAD.

38 (Previously presented). The method of claim 34, wherein said caspase inhibitor is DEVD.